

Title (en)

Method and system for identifying a situation with a potentially inalert driver

Title (de)

Verfahren und System zur Identifizierung einer Situation mit einem potenziell unaufmerksamen Fahrer

Title (fr)

Procédé et système pour identifier une situation avec un pilote potentiellement non vigilant

Publication

EP 3002557 A1 20160406 (EN)

Application

EP 14187622 A 20141003

Priority

EP 14187622 A 20141003

Abstract (en)

The present disclosure relates to a method performed by a road segment determining system (1) for identifying beforehand a situation with a potentially in-alert driver (21) of a vehicle (2). The road segment determining system determines (101) a position (22) of the vehicle. The road segment determining system further determines (102) pre-stored road characteristics (311) of a road segment (31) assumed or known to be ahead of the vehicle. Moreover, the road segment determining system determines (103) the road segment to be monotonous based on comparing at least a first road parameter of the pre-stored road characteristics with predetermined monotonous road criteria (6). The disclosure also relates to a road segment determining system in accordance with the foregoing, a vehicle comprising at least a portion of the road segment determining system, and a user device (24) comprising at least a portion of the road segment determining system.

IPC 8 full level

G01C 21/36 (2006.01); **G08B 21/06** (2006.01)

CPC (source: EP US)

G01C 21/26 (2013.01 - US); **G01C 21/3697** (2013.01 - EP US); **G08B 21/06** (2013.01 - EP US); **G08B 31/00** (2013.01 - EP US)

Citation (applicant)

US 2009231146 A1 20090917 - FUJITA RYUJIRO [JP]

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3002557 A1 20160406; EP 3002557 B1 20190925; US 2016097645 A1 20160407; US 9618345 B2 20170411

DOCDB simple family (application)

EP 14187622 A 20141003; US 201514862301 A 20150923